

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Nick Franco <kf2ph@bnl.gov>
Subject: [24] 30 DX
Message-ID: <31D13636.3F4C@bnl.gov>

Been some nice DX on 30 lately. My Butternut HF6V is playing real nicely. I worked LZ1LZ-Ken and a couple of others as soon as I hooked the vertical up. Last night I tried for about 1/2 hour to get CY0AA but the pile up won. He was also listening up a little. I threw all 800 mW at him as hard as I could. I even hit the paddles harder to try to get the RF to jump through the feed line harder. Nothing worked. I gave up when the XYL came home and called me for something. OH Well!

72
Nick
--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist RHIC Project - Building 1005 - Room 201
Tel: (516) 344-5467 Fax: (516) 344-3674 UPTON, N.Y. 11973-5000
Email: kf2ph@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: 26-Jun-1996 1000 <randolph@asic.ENET.dec.com>
Subject: [29] Afterburner...
Message-ID: <9606261403.AA06184@us4rmc.pko.dec.com>

Stand by everyone... I'm in a class all this week, so I won't have much time to deal with the amp schematic. Next week I'll get a Postscript version to someplace that you all can get to...

-Tom R. N100Q randolph@asic.enet.dec.com

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [42] Anyone have any Scout/Argo modules?
Message-ID: <Pine.3.89.9606261415.C4550-0100000@w3eax.umd.edu>

I have the 20m module and am desperate for others (30/40/80 look particularly appealing). Can anyone help?

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** 6m 64 grids worked on 8 watts ** HF 138 cfm d * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC ** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: A1K0FRP@aol.com
Subject: [18] CQC Totals
Message-ID: <960626012036_339877268@emout15.mail.aol.com>

To the multitude

Well can't give the exact totals from the COLO QRP Club but the computer printout at the site was 1199 q's but the band breakdown is not exact but close.

K0FRP 2A battery QRP, NE of Elizabeth Co. SE of Denver elevation 6700 ft. Rigs TS-850 10-20-80m with 2el wire delta loop 80m 60 ft boom, 3 el 20m wire delta loop and MP-33 tribander at 40 ft. 20m delta was fixed east and the tribander was west on 20m. 10m tribander used. loops in 60 ft Ponderosa Pines using sling shot lines.

TS-680 on 15m 40m and 160m with 3el yagi 30 ft 15m, 3 el 40m wide spaced fixed east but designed for hi gain low front to back. sloper 160m, dipole on 40m for North and south.

IC 736 2m, 70cm, and 6m, 10 el 2m 65 ft, 5 el 6m 60ft, 2m used on 70cm.

Novice/ Tech plus KB0ROL 2m, 6m HF on IC-706 antennas G5RV, windom 10 el 2m at 20 ft.

Q's	160m	0
	80m	75
	40m	300
	20m	300
	15m	200
	10m	100
	vhf/uhf	150

novice /tech 75

these are close give or take a few but total 1199 Q's

The logs are in a box with all the FD gear of KF7MD who is in the process of moving to Conifer CO.

No satellite or solar (tried solar but the battery didn't last long enough to tune up a TenTec 505)

Computer logging by M-Log

CT-9 used for cw keying on my station 10,20,80m

73/72

A1 K0FRP

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Rileyks4xs@aol.com
Subject: [58] e-mail change
Message-ID: <960626230245_143826516@emout12.mail.aol.com>

Group:

Call sign and e-mail address have recently changed...

Call: AE4VQ (was KS4XS)
e-mail: Scottae4vq@aol.com (was Rileyks4xs@aol.com)

Thanks for bandwith...

72's... Scott

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Ken Newman N2CQ <103464.1355@CompuServe.COM>
Subject: [17] FD Results - W2MMD
Message-ID: <960626050400_103464.1355_IHI69-1@CompuServe.COM>

Hi All,

Our 5A for the first time included 2 QRP stations. I won't bother with the unimportant QRO scores here. Location was at the 4-H Fairgrounds below Mullica Hill, NJ. (A public place). The weather was perfect in Gloucester County even the fact that there were high winds and downpours a few miles north from here. Our tents and antennas stayed up all the way. The QRP stations are: 40 CW OHR Explorer II (3 W) with gelcell, inverted V, up 25' and MFJ 971 Tuner. The real antenna was to be a 2 el Yagi up 45'. It had been in storage too long and insufficient rework to get it load up. It did look great in the ladder up about 30' . (Mebbe next year). Score: 156 QS0,s X 10 Pwr Mult = 1560 + 100 Emergency Power. 1660 pts for 40 CW. 20 CW station was MFJ-9020 to Viking Matchbox to Inverted V up 25', on the Chevy battery. Spent the time under the pines with a tent near by but not needed. 120 QS0s x 10 Mult = 1200 + 100 emergency pwr. 1300 pts for 20 CW. Total: 1660+ 1300 + 100 for QTH = 3060 (For the QRP bunch)

The diehards to run these stations (except the middle of the night) were:

AA2WN - Harry Bryant
KB2VVU - Mike Bryant
WA2NPD - Doug Gehring
WB2GES - Dennis Sandole
K2HPV - Herb Schuler
N2CQ - Ken Newman

Thanks to those who copied us thru the QR0.
72/73 Ken

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Doug Hendricks <ki6ds@mail.telis.org>
Subject: [57] Field Day Reports on NorCal Web Page
Message-ID: <31D1F2BD.3FC3@telis.org>

If you have not seen the NorCal Web Page lately, you should take a look.
Jerry Parker has done an outstanding job of collecting various Field Day reports from many of the QRP operations. Thanks go to Steve Hideg of the QRP-L Web Page for his assistance. Jerry has put them all together in a menu format and they are fun to read. Take a look. The address is:

<http://www.fix.net/~jparkers/norcal.html>

I am connected to NorCal and I do have an interest in the NorCal page, although it is not financial. Enjoy the page. Thanks to Jerry for all of his effort and hard work. 72, Doug KI6DS

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [44] G3YCC Where are you?
Message-ID: <Pine.BSI.3.93.960626162538.29544B-100000@u1.abs.net>

Hey Frank,
Where are you? I think you may have changed your email address on me. I was able to access your home page o.k.
But email bounced when I tried to send you a note on email later. I am guessing on this try and cc to qrp-l as well.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: dadams@stem.com
Subject: [32] Greetings from france
Message-ID: <9605268358.AA835808314@internet.stem.com>

Hey folks, I finally got my email straightened out and am, hopefully, hitting the list from here in lyon, france (how I miss the qwerty keyboard).

Anyway, I haven't had much chance to look about but did notice some local qrp kits avail of a variety I had not seen before, so I will build a few and let you know how it goes.

dave

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Dwight G. Jones" <104307.2100@CompuServe.COM>
Subject: [63] HT-750 sold
Message-ID: <199606262349_MC1-5BB-7E4F@compuserve.com>

My HT-750 is sold. (I accidently erased the addresses of two people who enquired, my appologies for not being able to respond to everyone who made offers.)

Dwight
ko6fe

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [41] Interesting note on Ten-Tec Model 606 Keyer
Message-ID: <Pine.3.89.9606261417.A4550-01000000@w3eax.umd.edu>

I got it with my OMNI V. Single paddle, yadda yadda yadda...

I never bothered to try before, but I intentionally closed both contacts by screwing down the screws - and guess what? It's IAMBIC!

Not only that, but upon opening it up, it has a CURTIS 8044ABM!!!

Being used as a single paddle keyer! Seems like such a waste! At least it has memory.

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** 6m 64 grids worked on 8 watts ** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC ** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [45] K5F0/5 FD QRP Report
Message-ID: <199606262057.UAA27439@chuck.dallas.sgi.com>

Gang,

Report of NorTex QRP Club FD activity as remembered by K5F0.
All errors if present are the fault of same. Call used was
K5F0 as there was some confusion as to whether FD was the
last weekend end when I was going to be K5F0/C6A. Decided
at the site when Smitty said to go with mine, but I wanted
to go with his. :-)

Well, Saturday morning arrives and K5F0 heads out to the FD site
running late due to late arrival from Houston the previous night.
I get at the FD site at 10 a.m. and Smitty NA5K and the gang are in the
process of setting up the shelter and the antennas. But I did get there
to help with the antennas and there were plenty of people share the work
load.

The antenna systems for HF consisted of two 20' poles for each of two
long wires about 130 feet long end-fed. One running east-west and fed
from the western end and another running north-south fed from the southern
end. A counter-poise was laid under each also consisting of same length
wire. Wire used was #14 (my guess) stranded and covered with insulation.
Tuner used was Tucker T-1000. Both ground wires were connected to tuner
and then wires changed to move from one antenna to the other using the
banana jack on the back of the tuner. Both systems had the same tuner
settings thus making the transistion from one to the other much simpler.

The 20' poles were made each from two 10' 2x2" wooden square poles purchased
from HomeDepot by Mike Dooley KE4PC. The method of attaching one section
to the other was by using two L-shaped strips about 4 to 6" long with the

oval openings regularly spaced and using bolts through the two metal strips to form a box like connection for strength. Mike Dooley will do a write up for one of the newsletters as the setup is simple and quick. Works great.

Using Nylon rope for guy wires and small wooden stakes into the TX sandy soil (have we talked about the drought?). The location of the FD site was the same as last year in a public park in North Dallas area off Renner Road and just west of I-75.

For 6M Mike Dooley had a small homemade vertical about 1.5M on two crossed boards and four radials on the ground. We later elevated this to the top of a garbage barrel. Not that that seemed to help all that much. :-) But we did make the required 10 QSOs on 6M. K5FO was seen to have picked up the mike and actually used it correctly and even was successful in making contacts. :-)

We did not have thunderboomers
We did not have too much wind
We did not have not too much heat due to shelter
We did not have ants
We did not have skeeters or other varments
We did not have accidents and no one hurt
We did not have sunburns
We only had a small set of hardware missing but we were in civilization and close to a HomeDepot. :-)

Rigs consisted of TenTec 556 on HF and a TS-60S on 6M. Smitty and the gang can correct me on the 6M rig if I have the wrong model number. All powered by Gates 20Ahr Cyclon cells.

Here are the totals on each band and mode.

6M	SSB	10 Qs (2W)
10M	SSB	11 Qs (5W)
20M	CW	88 Qs (5W)
40M	CW	74 Qs (5W)

183 Qs up from the 80 or so from last year

We did not operate the whole 24 hours and broke camp early Sunday morning.

Operators consisted of in alphabetic order by last name:

Chuck Adams	K5FO
Baity Bartel	W2LQ
Charles Cashion	KC5SNU (call may have changed)
Mike Dooley	KE4PC

Bud Haynie K5JHS
Larry Jones N5OSG
Bob Kmak KC5RAS
Bill Pierrard K5JHP
Smitty Smith NA5K

My apologies if I left anyone out, but I think I got them all.

No effort was made to go out and set any records but to make sure that anyone that wanted to operate got to operate and operate as much as they wanted. We had a community area off to the side where most of the activity was spent in discussions of all kinds of QRP things. :-) We were in a public park thus no beverages were consumed for the purpose of building any antennas from aluminum containers. :-)

Goal for next year may be to do over 300 Qs, but then again it might not be. We may have found the antennas that will do us good for the next QTTF (QRP to the Field) in September.

One thing that others may have learned or should have learned. During FD at QRP levels or even higher levels. If you call a station twice and they do not come back to you, then immediately move on. You most likely are not in the receiver passband or they have too many stronger stations in line to work them.

Someone might consider collecting all these little gems and posting a summary. The same techniques will work for all contests, not just FD.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=040 States=21 Confirmed=10 DX=01 (0.95W)
AL AZ CA CO FL IL IN MD MI MO NC OH OK OR SD TN TX UT WA WI WY

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [19] K8IDN/QRP FD Operation
Message-ID: <Pine.3.07.9606260148.A10934-b1000000@login>

BAND QSO's

2 m cw 6

2 m phone	8
80 m cw	31
40 m cw	98
20 m cw	45

Bonus Points

- 100% Emergency Power
- Media Publicity
- Public Location
- Information Booth
- Satellite
- Natural Power
- Packet
- VHF/UHF

Equipment: OHR-400, OHR-Spirit, 30w solar panel w/deep cycle battery,
antennas: dipoles, 13B2,

Operators: K8IDN/Steve KG8SF/Len WB8LUJ/Geoff

WX: Hot and muggy. Temp in low 90's on Saturday, in 80's on Sunday.

Operation: The most successful band appeared to be 40 meters. Satellite contacts were made via RS-10 and RS-15 using dipole for 10 m and 13B2 for 2 m. Operation was casual and relaxed. Great steaks for dinner and steak and eggs for breakfast. Visited by many curious visitors who expressed interest in the strange doings.

Lesson learned: Get more sleep the day before FD.

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: hysell@kodak.com (John D. Hysell)
Subject: [36] KB2UFY Field Day- Summary
Message-ID: <9606261753.AA19075@runner.itc.Kodak.COM>

Despite nearby tornado storms, and 20-inches of water covering the road to our chosen Field Day site, the Brockport ARC set up and was operating by 1800 hours. Full battery power to all stations (Had a really good time hooking up to a 48-volt

lift-truck battery - we could have run all weekend at 100 watts without making a dent in THAT monster!). Stations as follows:

160m Kenwood 690S, inverted L for 160
80m Ten-Tec Argosy 525, crossed dipoles (75m and 80m)
40m Alinco DX-70, dipole
20m Ten-Tec Scout 555, homemade vertical
15m Ten-TEc Argonaut 509, dipole
10m Kenwood 690S, vertical
6m Kenwood 690S, mobile antenna
2m Yaesu HT for packet, copper pipe J-pole
2m Yaesu FT-290II, mobile antenna
10Ghz ARR microwave transceiver
24Ghz ARR microwave transceiver

Novice Station - Ten-Tec Argonaut 509, vertical ground plane

Scores:

KB2UFY 5A WNY

370 QSOs
434 QSO points
2170 QRP points
plus bonuses
100 - solar QSOs
100 - vhf/uhf (2m, 6m, 10ghz, 24ghz)
500 - battery power (100% emergency)
100 - public relations (Suburban News article)
100 - packet qso
100 - W1AW message
100 - public access
100 - visitor information booth
5 Novice QSO points

3375 points

(What a Blast!)

73 -John

KF2XC

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996

From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>

Subject: [50] Knightlite FD

Message-ID: <Pine.A32.3.93.960626181616.26977A-100000@weyl.math.Virginia.EDU>

It was my pleasure to participate in the Knightlites'

field day debut atop Black Balsam Knob in the Shining Rock Wilderness area in North Carolina. We were WJ4P, 3A in NC.

To appreciate the group's accomplishment in this, their first year of field day operation, realize that the operating site was 300 yards from a parking area, but that the equipment used was NOT backpackable gear! Every full-sized rig, battery, tent, every cooler and gallon of water, had to be carried in (then back out). Furthermore, while the site had good elevation, it was totally lacking in antenna supports -- so that hand-hewn bamboo masts had to be packed in for each antenna.

In spite of these adverse circumstances, the group accomplished its tasks cheerfully and efficiently. Stations were assembled, antennas erected, modified and re-erected, until three fully functioning operating sites were established.

I enjoyed the hospitality of WJ4P himself, at the 160/80m site, in the tent known as the "Taj Mahal". I'm still smacking my lips thinking about that beautiful breakfast of bacon, eggs, home fries and coffee he served me as I completed an all-night 80m cw stint. Thanks again, Randy, for your graciousness!

Paul, AA4XX, Dave, WA4NID, and Bob, AE4IC, circulated among the station sites, offering help and encouragement. They also pulled long shifts at the 20/40m site, and at the 15m/2m station. Even in this remote location, Dave managed to make packet and FM simplex contacts, in addition to his HF feats.

Andy, UT5GM, enjoying his first vacation from work since arriving in the US from St. Petersburg, had a blast operating 20m SSB. To top it off, he won a Norcal 49er (as did Bob, AE4IC), in the first annual Knightlite field day drawing.

Frank, N4EKP, seemed to be everywhere, operating all modes and all bands. He discovered the goldmine of 40m SSB on Sunday, just as everyone decided it was time to break camp. After seven 600 yard round trips to the parking lot, he expressed a certain longing for the city. But I'll bet he's back next year.

Ray, AE4AZ, smoothed the way with park rangers long before we ever arrived -- helping us to avoid the fate of Bill KD7S ;-) We looked wistfully at the even more remote sites he had cleared with the rangers for us to use if we so desired. The vistas in this Wilderness area are stunningly beautiful -- clear,

spring-fed streams running through mist-filled ravines; shimmering quartz outcroppings in pale moonlight. As I left, I met a group taking pack horses to one of the more remote campgrounds. Hmmm...Then, at the parking lot, another group was loading gear onto the backs of llamas! HMMM...

Paul, AA4XX, will report scores when he catches up on his sleep. (You should have seen me trying to prove theorems at the blackboard on Monday morning! Yet, there is a certain spring in my step as I walk to class, which has not been there since LAST field day. I'm already looking forward to next year!)

72, Ralph AA6UL/4
Charlottesville VA

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [59] Knightlite FD
Message-ID: <199606270309.XAA20305@mh004.infi.net>

Well, gang, it was my first Field Day, so I can't do a lot of comparing, but did We have fun? --You Bet!!

Black Balsom Knob is just off of the Blue Ridge Parkway near Brevard, NC, and we were on some unnamed knob next to it. Packing in and packing out about a mile was a pain -- mainly because we all wanted to bring plenty of equipment to share and try, so we had about twice as much stuff as we needed.

But the mountain view was beautiful, the air was clear, the company was the best to be had anywhere -- what more could we want?? Nothing, of course, but we had more!

We had three rigs set up and were able to work most of the bands and most of the modes. The numbers will have to come from Frank, the keeper of the numbers, but regardless of their numerical value, they will mean fun.

There were seven of us up there on the knob at about 5000 feet, I think. We each did our thing. Dave, WA4NID and I worked 20M and 15M. We planned to work 10M also, and tried once, but the band appeared dead, and we had all of the action we wanted on the other bands, so we never went back.

What an antenna experience it was! Got to try a 15M loop and observe neat 40M magnetic loops designed by Paul, AA4XX. We had two, set up 90 deg. from each other to cover all directions. Also had a 160M dipole, 40M quarter wave vertical, a G5RV, and a couple of VHF verticals (I think)

One station was the completely home brew, using an NW20, Sierra, and St. Louis tuner.

We lugged enough batteries in and out of that place to light up Brevard. The two biggest and most powerful (100Ah) were not even used. But if this had been a real emergency situation, we could have transmitted for 6 months, at least. (well, maybe just 4 months) We even had a couple of Solar panels set up to keep the batteries charged.

It was hot, probably in the 80's, but just enough of a cool mountain breeze to keep us comfortable.

When is Field Day next year?

CUL,
Bob Kellogg, AE4IC
Probably, but not necessarily. - Benny Hill

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [61] Knightlite FD
Message-ID: <199606270338.XAA03160@mh004.infi.net>

OK, so the site was only 300 yards from the parking lot!!! There was a time or two when it *seemed* like a mile!!! We certainly were a pleasant distance from civilization. Looking up at the night sky, shooting stars and the milky way, we could have been 100 miles from anyone else.

CUL,
Bob Kellogg, AE4IC
Probably, but not necessarily. - Benny Hill

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: WJ4PRandy@aol.com
Subject: [51] Knightlite FD #2
Message-ID: <960626182414_422404317@emout14.mail.aol.com>

Sorry guys... my first post got caught in some gears in the internet machine and I ended up with a partial post. (hmmm, partial post...good name for the USPS..)

I want to publicly thank the gang at the first annual "Knightlite FD outing" for being such a great bunch of guys. Everyone seemed to be everywhere at once, helping with antenna ideas and mods, tent erections, antenna adjustments, etc... I even had the great fortune to have been greeted at the parking lot by three of the guys Bob, Dave and Paul and they helped me carry my stuff to the FD site. Ralph did a great job of operating the 80 mtr station over nite (while I napped) and ran up the contact count way up over what we had expected. Nice Job Ralph!! (By the way, Ralph, I have your headphones. Please send me your address and I'll get them to you .)

Next year I will err on the light side. If I can't carry it to the site on the first trip it doesnt go... That means freeze dried food and sterno cooking stuff. OK, maybe a second trip for consumables that will weigh less when I pack up to leave the site. Or we call out for Dominos the first night...

The site was beautiful!! Paul did a great job of selecting the site. The views at sunset and daybreak were terrific and very different. You would just have to see for yourself to know what I mean.

Lesson learned: If you have the 80mtr station in a qrp group, go help someone dupe log or do something like look at stars or take a nap until about midnight. Right about then all the qro stations have run out of easy pickin's and are looking for some other guys like qrpers. Then you will have some real fun with a qso every couple of minutes. Then operate all nite long. Things dried up at about 10am the next morning with nothing but the qro "beacons" calling and calling.

Paul: Thanks again for setting this thing up. Good work!!

Bob: Thanks for all your help and being there everytime I needed an extra hand

or piece of rope or coax.

Andy: Ocheen preyatna. Take care.

Dave: Hope your feet are better now. Thanks for loaning the tuner and your help.

Ralph: Thanks for staying up all night to operate 80mtrs primetime. I didnt have

energy to do it!

Ray: Firewood Central! Thanks for keeping the campfire burning!

Looking forward to next year.

73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Art Searle <asearle@netusa.net>
Subject: [37] Lima mini-straight-key
Message-ID: <31D1ACCA.6DE4@netusa.net>

A little while ago I saw the following message posted here by Jim Markle.

>Several folks have requested info on the small straight key I
>mentioned in my recent "portable operating" post. I would have
>responded sooner but I have been looking for a recent ad I saw
>somewhere listing an email address. Can't find it. Oh well.
>
>The following was current when I ordered mine several years ago and to
>the best of my knowledge, it's still current. (Except maybe the
>price...)
>
>Contact: Marc, ZS6HZ, Lima Electronics, PO Box 707, Bergvlei, 2012,
>Republic of South Africa
>phone: 27-11-444-0444 fac:27-11-444-0459
>
>Price when I got mine was \$25 plus \$3 shippint. (It's probably just
>too simple to say \$28 delivered.....) VISA or MC or bank draft

Well, I could find not other info on this so I sent out a check on
May 27th. Yesterday, June 25th, I got the key. It's great, I really
like it. Only problem was it wobbled. A bastard fixed that. (file...
...file....file). I jsut sent a check for \$25.

72, de Art WU2K

--

72,73, de Art Searle, WU2K, Long Is., NY, ARRL Life Member
QRP-L #524, QRP ARCI #9123, NorCal pending, DXCC MX & CW HR
NRA Benefactor Life Member, NMLRA Life Member, AMA Life Member
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "peter (p.c.) abraham" <pabraham@nortel.ca>

Subject: [40] Looking for QRP mod for Kenwood 440
Message-ID: <"22845 Wed Jun 26 15:12:51 1996"@bnr.ca>

Hello Everybody,

I heard of a modification for the Kenwood TS-440. This mod would allow one to flip a switch (or something to that effect) so that the final PA would be disconnected.

This way, one can do QRP-SSB. Also since the final PA would no longer biased (sp?), the receive current drops to way below 2 Amps, which is nice for battery operation.

I have heard of this mod once, it makes sense to me, but I can't seem to find it anywhere!

Can anybody out there help me with this ? Please !!!
(I think QRPing is more fun if you do it "off the grid"!)

Thanks,
Peter

Peter C. Abraham KB2INO | Telephone: 214-684-1875
RF Systems Engineer | E-Mail: pabraham@nortel.com
Nortel | Amateur Radio: 443.325+ pl 110.9
<><

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [20] MFJ9420 SSB QRP rig
Message-ID: <199606260925.LAA05107@hipocrates.med.up.pt>

Hi, fellows,

On 6/24/96 2:10AM, in message <m0uYJkn-0001HuC@aoc.state.nc.us>,=20
Brian.S.Allen%NCAOCISD@smtpgw.aoc.state.nc.us wrote:

> I am considering the MFJ 20mtr ssb qrp rig as my next purchase. I was
> wondering if there is anyone who has experience with this radios=
performance.
> I would also appreciate any comments on how it is in a mobile enviroment.
>=20
> Brian KB4MNG

I am the proud owner of one of those little rigs since last month, when I have bought it during a short stay in New York. I have already

been using one MFJ 9020 CW QRP rig for more than one year, with very very rewarding results. I do largely prefer CW operation, but I was curious about SSB QRP.=20

The MFJ 9420 is one exception to the rule that "rough and ready" equipment is generally much rougher than ready. Very easy to work, I have connected it at home to a 12AVQ vertical tribander ground plane from Hy-gain, and I could work all Europe, USA, Asian Russia and even go through several pile-ups, including S9, 3V and many others. I don't know if the speech processor has the claimed 6 dB gain, but it does really work. I have tried it twice as a mobile station on my bike (yes, you have readen it correctly). The antenna is a military surplus whip, about 130 cm high, loaded by a homebrewed coil, perpendicular to it. The ground is the bicycle structure itself, and the power supply a 1.2 Ah 12 V gel battery (the autonomy is not huge, but it has a pleasant weight to be carried on the bike). I could work Germany and Switzerland, and I intend to go on with my experiments one of next week ends.=20

Yesterday I have received by mail the previously ordered CW kit (not available when I was in NY) and put it in place. It works, although as a CW rig the MFJ 9020 is a better option (RIT, less power drainage, better filter, headphone jack, lower price, and so on).

The usual disclaims (I have no interest on MFJ, and so on), but I am very happy with the rig, and I intend to use it in travel as far as I get a good portable antenna for it (substituting my beloved Atlas 210x, that has been my companion while traveling, and that is now going to my secondary shack as an optional equipment).

And that is all, best 72/73 de=20

Roger, CT1ETT

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [33] Microwave QRP, Part 2
Message-ID: <19960626.132210.11247.1.wb2vuo@juno.com>

This is a posted response, as I have gotten a number of replies on the subject. Although they weren't from fellow Microwave Enthusiasts, they were from interested parties that are looking for info. Also, there is a VHF Reflector, which concentrates on the 50+ MHz operation, including microwave. You can subscribe by sending E-Mail to vhf-request@w6yx.stanford.edu
The text is: subscribe

There are a number of VHF/UHF-oriented groups in the US, and they are referred to in "The World Above 50 MHz" in QST. As soon as I find paths to contact them, I'll pass it on...

Text to follow:

I went the "cheap" route at first, to the tune of \$125, and I have all the parts still sitting there. The cheapest way is and "Alpha" Gunn source for 10 GHz. They run \$5 - \$25 each, and will deliver 5 - 12 mw out. The disadvantage is the fact that they are mechanically tuned, and 1/2 turn on the 4-40 screw in the cavity will move you about 40 MHz. Even though the RX IF bandwidth is 200 KHz, this is too fast to be utilized easily. I still hope to come up with a gear reduction method to make these viable. One source for the Alphas is SHF Microwave Parts Co. (E-Mail - prutz@shfmicro.com) They have new & used Gunn sources for \$25 - \$40, catalog on request...

The best way to start, although the more expensive one is a Microwave Associates (MA/Comm) X-Band Gunn. Their exclusive supplier to the amateur market is Advanced Receiver Research in Burlington, CT. The 10 mw (nominal, 15 mw typical) unit is \$170, and they have models available up to 100 mw out. Their phone # is (860) 485-0310, and a catalog is available on request...

For the RX IF, 30 MHz is pretty much the standard, and although this is only about 0.3% of the operating frequency, The image is not really a problem. The WBFM runs full-duplex, and this allows one to monitor on the image without interfering, within limits. ARR (see above) has a complete RX IF, PSU/Modulator PCB, Model RXMR30VDA, for \$139 assembled & tested. This is the unit that I settled on. Ramsey Electronics makes a 10 Meter FM receiver kit, the FR-10, I think, which has been modified here in the Rochester area, for use as a cheap IF system, but you then need the PSU/Modulator as a separate unit. The Ramsey runs \$30, and SHF Microwave Parts Co., has a PSU/Mod kit for \$16...

The 50cm (18") dish that you have would work nicely for 10 GHz, and would give you about 30dB gain. Direct feed, such as the Gunn at the focus is the easiest way to use such a dish, but you need to know the focal point. Point the dish at a distant light source, and slide a 3"x5" card out until the light focuses on it, then measure the distance. The focal distance divided by the diameter is known as the F/d ration, an important fact when setting up the feed system. the smaller the F/d ratio, the wider the horn pattern you need to properly illuminate the dish...

Hope this is helpful, and drop me a line about any future operations. If

your travels bring you near the Great Bergen Swamp, give me a shout...

72/73, Keith, WB2VUO
ADR: W. Keith Hibbert, WB2VUO
41 N. Lake Ave.,
Bergen, NY 14416
(716) 494-1239

wb2vuo@juno.com

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: diana@bisco.kodak.COM (Gary Diana - GCR)
Subject: [34] N2JGU FD'96
Message-ID: <9606261744.AA12655@monolith.bisco.kodak.COM>

Once again Brad (WB8YGG) and I ran a Field Day setup from our "secret" location about 40 miles west of Rochester NY. We ran the station as N2JGU 1B WNY. Here's our equipment list:

- TenTec Argosy HF Transceiver (turned down to 5 watts)
- MFJ Antenna Tuner
- Kent Paddles
- Atomic Keyer
- 80m dipole up about 45 ft.
- 80m full wave loop up about 10 ft.

We arrived at the site Friday evening, and before dark got the tent, 80m dipole, and 2m beam up and going. We made a few contacts on 80m and 40m Friday evening, but propagation wasn't that great. On the other hand, there were enhanced conditions on 2m and we were bringing up repeaters in NY, PA, and Canada, off the backend of the beam. There was a more or less continual 40mph wind on Saturday; about 6pm the sky blackened and a viscious lightning storm came through, right over the hill we were on -- not a comfortable place to be! The weather was perfect on Sunday though.

We made about 230 contacts, with a 75/25% mix of CW and SSB respectively.

This number was down about 50 from last year's log. In general, it seemed as though propagation was not as good on 80m as last year. This is the first year we tried a full wave loop; we found that it transmitted as well as the dipole, but was a whole lot quieter on receive. We had hoped to get it higher, but the masting couldn't handle it.

Hints and Kinks:

After our FD94 fiasco, we always make sure we take at least one tested

antenna. In our case, that's the ladder line-fed 80m dipole. We took my Argosy as a backup to Brad's. We took enough gel cells for the weekend, plus a couple extra (8-10 aH). This year we brought one of those 5 gallon solar showers you hang in a tree... it didn't help our score, but sure did make living in a tent alot more comfortable! Finally, the audio filtering in the Argosy makes operating in crowded band conditions a lot easier. The Argosy also has a good front-end, and we experienced no overloading problems, even when connected to the loop.

Future Goals:

At some point we'd like to put together a completely homebrewed station for FD. Another thing to try would be some sort of beam for 10/15/20m. Or with the site we have, a 40m beam made from wire would be a definite possibility.

The Bottom Line:

We operated just about the entire 24 hour period and had a real blast.

73 for now.

- Gary N2JGU
gmdsr@vivanet.com
diana@bisco.kodak.com

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Eric Bates <jz560c@hqs.mid.gmeds.com>
Subject: [30] OHR HP QRP Transceiver Instructions
Message-ID: <9606261409.AA24882@ra.hqs.mid.gmeds.com>

Does anyone on the list have the instructions for the OHR High Performance QRP Transceiver (40m version)?

I bought one somewhere around 5 years ago and never got it working. With moving, job, et. al., I didn't have time to work on it, and I'd like to take another shot at fixing the little beastie.

Any help would be appreciated.

Thanks,
Eric
AA8MD

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [43] QRP stuff for sale (good read!)

Message-ID: <Pine.3.89.9606261446.D4550-0100000@w3eax.umd.edu>

MFJ-9020 5 watt CW superhet xcvr w/keyer & filter, w/box & manual, exc. condition. \$240 new, asking \$160.

Palomar PT-340 Tuner-Tuner for tuning up antenna tuner w/o keying rig. Like new, with manual. \$99.95 new, asking \$65.

Yes, here it goes...

Heathkit HW-9 with PSA-9 power supply and HWA-9 band pack (installed). Virtually perfect condition on everything, recently aligned (by me) and comes with all manuals. Covers 80-10 meters. Unmodified. \$325.

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** 6m 64 grids worked on 8 watts ** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC ** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996

From: Charles Brown <maf00035@maf.mobile.al.us>

Subject: [23] qrp Wattmeter

Message-ID: <Pine.SOL.3.91.960626074935.16488A-100000@ns1>

Thanks for everyones suggestions on a wattmeter. The OHR WM-1

was ordered!

N4SO

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996

From: "John F. Jarvis" <jfj@pacer1.usca.sc.edu>

Subject: [53] recommendations wanted

Message-ID: <199606270016.UAA19082@pacer1.usca.sc.edu>

Can someone recommend (and if you indicate where it is available) a logging programsuitable for the QRP ARCI contests that runs on a Macintosh?

Thanks, John KE2WB

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [28] Resonant Antennas?
Message-ID: <31D1A65A.1EF@acsu.buffalo.edu>

Hogwash for sure!

I do not remember whether it way here or maybe on the antennas newsgroup, but someone suggested with vigor that we all get rid of everything that is not resonant! He suggested we use one antenna, perfectly tuned, for each band.

Well FD came and I ran it on the spur of the moment after a neighbor of mine knocked on the door at 3PM SAT and said he way here to work FD with me. At the time I was watching TV. Hard to do on crutches with a broken pelvis.

We used a perfectly tuned sloping dipole for 20M with its top at the same height as my delta loop. The MFJ analyzer said it was perfect :) My 20M results were dismal. I could not work all that I heard like on the delta.

So on Sunday after the Fat Lady was done singing and icing her throat in the locker room, I ran the sloper's feed line to my MFJ tuner's bypass input. My delta was left with the "lossy" tuner, coax, balun and ladder line in place. I played A/B jockey all evening and guess what? NO COMPARISON! The resonant sloper lost on every signal, foreign and domestic. Usually by 1-3 s-units. On the former there were lots of cases of hearing them on the loop and NOTHING on the sloper.

I did have help with all of this. A 19 year old neighbor of mine who has 265 DXCC confirmed! And he has only had a beam, 2 elements at that, for the last 65 countries or so.

BOTTOM LINE: IF YOU HAVE ROOM FOR A DIPOLE, DON'T DO IT! PUT UP A DELTA LOOP.
--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=110 WAS=27 QSL=05 DX=16
HW-9 @ 3W and a 142' Tuned Sloping Delta Loop
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VE2 VY2 VE6

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Stan Skelton <sskelton@c1n.etc.bc.ca>
Subject: [35] summer's here, I'm postponing
Message-ID: <Pine.3.89.9606261010.E16340-01000000@sparky>

Hi all...summers here, I'm postponing my service on this reflector till Sept...anyone wanting to contact me can still do so at sskelton@cln.etc.bc.ca

73's

TtFn....Stan T.M. VE7 SKT QRP-L #34

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "j.w. thornton" <dub@oklahoma.net>
Subject: [39] Ten Tec Keyers:
Message-ID: <199606261913.0AA04357@dns.okc>

Hi Y'all: I tried the keyer Ten Tec sells to install in the Century 22 several years ago, and simply could not use it. I had become accustomed to keyers having such things as dot & dash memory, self completing dots & dashes & iambic operation, and my timing simply is not up to the task of using such a simple keyer without the dot-dash memory, etc. The keyer in the Corsair II does have the bells and whistles, and I have no problem using it.

It sounds to me like the keyers causing the dropped dits or dahs, etc might be the same design as the old keyer for the Century 22. If so it takes a lot of practice and a good sense of timing to run it.

"72"

J. W. (Dub) Thornton WA5YFY
Minco, Ok.

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Timothy J Fiebig" <tjfiebig@pau.mobil.com>
Subject: [38] Tentec Argosy Information
Message-ID: <9605268358.AA835825297@ccmail.pau.mobil.com>

Hello:

I was considering purchasing a TenTec Argosy Transciever. I was hoping to get some opinions on a fair price for a clean unit on the used market. Thanks.

73

Tim/N2BCF

TJFIEBIG@Pau.Mobil.Com

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Luigi Pacella" <LUIGI.PACELLA@OFFICE.WANG.COM>
Subject: [22] test
Message-ID: <199606261232.IAA04687@tuna.wang.com>

unsubscribe

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Scott Walker <71674.16@CompuServe.COM>
Subject: [55] Thanks (Gel Cells)
Message-ID: <960627011348_71674.16_DHR37-1@CompuServe.COM>

Thanks to everybody who replied with advice about revitalizing gel cells.

I'm still sorting through all the info, and I'll be trying out some of the techniques recommended. Individual replies will go out later.

72/73.
Scott Walker
New Cumberland, Pennsylvania, USA
71674.16@compuserve.com
NQ3I

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: [62] The Great Troop 3 QRP and Canoe trip!
Message-ID: <v01530500adf8a0c84d79@[199.120.150.35]>

Hello,

The great Troop 3 canoe trip is about to happen! The NorCal 40 is all packed and ready to go. If you hear me, I would appreciate if you could upload a short narrative digest I will be sending to the addresses below. Even just a short note "Hey I heard them and they are at so and so" would be great. This will keep some of the family members and scouts who did go

informed as to how the trip is preceeding. Schedule is going to be hard to set. I plan on some after noon operating, in the 3 to 4 pm region and then again in the evening in the 7 to 8 pm time. I will always call at or near the hour. WA6ARA will be the call. Any and all contacts are great! Afterwards I will be placing the entire trip digests and photos on the Adventure Radio Web page
Thanks all! es 72
Mike WA6ARA

Who: BSA TROOP 3 RIDGECREST CALIFORNIA
Where: HOOVER DAM TO COTTONWOOD COVE
Why: 50 MILER CANOE TRIP
When: JUNE 28 through JULY 5 OR 6TH*, 1996

*dependant upon various kinds of conditions such-as weather, people, etc.

PARTICIPANTS

About 17 total, including three hams, WA6ARA, KE6RCW and KA7ULQ and the canoe guard dog

Please send contact and any trip digests to:

QRP-L
allendj@ridgecrest.ca.us
falonge@ridgecrest.ca.us
beitnesb@ridgecrest.ca.us
bowlingd@ridgecrest.ca.us
herr@ridgecrest.ca.us
kolstoe@ridgecrest.ca.us
thermal@ridgecrest.ca.us
kluhn@ridgecrest.ca.us
howard_collins@imgw.chinalake.navy.mil
bill_martin@imgw.chinalake.navy.mil
francis_tam@imgw.chinalake.navy.mil
dennis_turbett@imgw.chinalake.navy.mil
craig_porter@imgw.chinalake.navy.mil
dick_nickles@imgw.chinalake.navy.mil
mansfiel@ridgecrest.ca.us

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: DLShips@aol.com
Subject: [21] x
Message-ID: <960626081029_143229106@emout10.mail.aol.com>

listserv@lehigh.EDU

SET QRP-L MAIL POSTPONE

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [25] Re: 30 DX
Message-ID: <31D1A131.BF5@acsu.buffalo.edu>

Hi Nick and Chuck and Gang,

I also heard CY0AA working splits at the bottom of 30M last night. And yes, I tried in vein to work him with 3 watts. But as I listened carefully I recognized LZ1LZ, U5WF, OM2SA and DL3SRJ in the pile up also trying to work him. So I eased up the band hoping the "other" DX would stick around. Sure enough they did and I snagged the stations listed above.

A big pileup is a blessing. Let the 100 watters battle it out for one station while you go and snag the DX that already worked him. This band is GREAT!

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=110 WAS=27 QSL=05 DX=16
HW-9 @ 3W and a 142' Tuned Delta Loop
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VE2 VY2 VE6

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=110 WAS=27 QSL=05 DX=16
HW-9 @ 3W and a 142' Tuned Delta Loop
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VE2 VY2 VE6

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Art Searle <asearle@netusa.net>
Subject: [56] Re: 30 DX
Message-ID: <31D20D2E.19A3@netusa.net>

Nick Franco wrote:

>
> Been some nice DX on 30 lately. My Butternut HF6V is playing real
> nicely. I worked LZ1LZ-Ken and a couple of others as soon as I hooked
> the vertical up. Last night I tried for about 1/2 hour to get CY0AA but
> the pile up won. He was also listening up a little. I threw all 800 mW
> at him as hard as I could. I even hit the paddles harder to try to get
> the RF to jump through the feed line harder. Nothing worked. I gave up
> when the XYL came home and called me for something. OH Well!

Wow, that sounds like fun. A pile-up and split and DX. I couldn't wait for my turn, but it wasn't to be.

I came home today around 4:15 p.m. EDT, I had a couple of minutes before I had to go out. So I turned on the radio. Didn't even move the tuning knob. I heard a strong signal working contest style. Then I heard the callsign CY0AA working simplex. I called with 5 watts. He came back to another W2. I called again, QSK (always) so I could tell no one else called. He came back to me. I sent my report and signed /QRP. He said "QRP nice" and it was over. After my QSO he went begging with few takers. For me, no chase, no pile-up, no split, no challenge, no effort, too easy.

Remember, from here on Long Island, Sable Island is around the corner.

72, de Art WU2K

WU2K TMPS 1996 Qs=035 States=0 Confirmed=0 DX=031
3B8,6W,6Y,8P,9H,9L,CY0,EA8,EI,ER
ES,EU,F,G,GM,KP4,I,HA,HC,HI
LA,LU,LZ,OK,OM,ON,OZ,SP,UR,Z3
ZF

--

72,73, de Art Searle, WU2K, Long Is., NY, ARRL Life Member
QRP-L #524, QRP ARCI #9123, NorCal pending, DXCC MX & CW HR
NRA Benefactor Life Member, NMLRA Life Member, AMA Life Member
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [60] Re: Alinco DX-70t Q&A
Message-ID: <199606270331.XAA16340@alaska.magpage.com>

To All following this thread and WB2VU0, and Fr. Bowes

>>Hi Jim. Keith here in the Depths of the Great Bergen Swamp...
>>
>>I have the DX-70T, and I am getting to think that mine is somewhat
>>unusual. The RX current, with headphone volume level, is 550 - 600 ma,
>>not the 1 A or better that everyone else seems to be seeing. We ran the
>>DX-70T on 40 Meters for most of Field Day (at KB2UFY, 5A/WNY), and then
>>switched over to 15 M CW in the last 1 1/2 hours to get some additional
>>contacts. (The 15 M station was an Argonaut, and was a bit deaf on
>>15...) Got 56 CW and 52 SSB Q's on 40.
>>
>>I am fully in agreement with the evaluations I have seen on the DX-70T,
>>and, in addition, the LF/MF performance is super! With the TS-680S and
>>the TS-690S, the RX is P-Poor below 1600 KHz. I can hear the "local"
>>Lo-fer beacon on 172.5 KHz, run by WB2ZWG, I think, and hear the Aero
>>beacons from 200 KHz to 420 KHz all around the Great Lakes...

A big thanks to Keith for the current drain comments. The new DX-70t that I went out and bought was not the same one that was used in the comparison test (early S/N). My new DX-70t is like yours and draws 570 Ma. with the display intensity all the way down and 650 Ma. with it all the way up. Another note: the current drain on RX only varies 20 Ma. when the supply voltage is varied from 11.4 to 13.8 VDC. I double checked the unit at 11 VDC and it seems to be still going great. Now if I could only get my MFJ-9020 (which I like vy much) to stay the same at 11 volts I'd be happy :)
No TX current figures with the 1 Amp DVM.

CU on the air Jim K3QIO TMPSing my way through life in Delaware

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: moyle@essc.psu.edu (Alfred M. Moyle)
Subject: [27] Re: Help - TenTec Keyer Timing
Message-ID: <9606261349.AA25658@seismic.geosc.psu.edu>

I have been messing around with one of the Ten Tec simple keyers, too. It does work, but what you have to keep in mind is that it is *SIMPLE* ... no dot and dash memories (I believe that's the correct phrase), etc. So, the "key" to making it work is that you have to "stay on" a particular side of the paddle until the sidetone comes out. If you start a "dah" and then hit (and release) the "dit" side before the dah completes, you wont get a dit. Simple keyers like these (the Ten Tec keyer is the one in "Solid State Design for the Radio Amateur" with a sidetone tacked on) have no mechanism for "remembering" that you hit the "dit" before the "dah" was done.

73
Al N3KFL

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [47] Re: K5F0/5 FD QRP Report
Message-ID: <199606262105.0AA10422@dancris.com>

At 08:57 PM 6/26/96 GMT, you wrote:
>K5F0 was seen to have picked up the
>mike and actually used it correctly and even was successful in making contacts.
>:-)
>

Whooooaa! Someone put up a monument for this historic moment :^)

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: N5EM@aol.com
Subject: [48] Re: K5F0/5 FD QRP Report
Message-ID: <960626172727_143586155@emout15.mail.aol.com>

In a message dated 96-06-26 17:08:05 EDT, you write:

<< At 08:57 PM 6/26/96 GMT, you wrote:
>K5F0 was seen to have picked up the
>mike and actually used it correctly and even was successful in making
contacts.
>:-)
>

Whooooaa! Someone put up a monument for this historic moment :^)
>>

Photos! I gotta see photos. Ed

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: torell@sicom.com (Kent Torell)
Subject: [49] Re: K5F0/5 FD QRP Report
Message-ID: <v02130502adf7619ee27b@[192.91.202.41]>

> >K5F0 was seen to have picked up the
> >mike and actually used it correctly and even was successful in making
>contacts.

Yes indeed, he does have a voice :-). I made a quick contact on 2m with Chuck when we flew over Riley, NM (did I mention the wind?) when we were trying to orient ourselves with the QRPTTF expedition. Sounded real civil, kind of an educated Texan accent ;-). We were trading off cameras, the ht, and the sick-sacks... (did I mention the wind?)

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A Tmps 1996 Qs=010 States=09 Confirmed=01 DX=00
AK AZ CO HI KS OK OR TX WA

From owner-qrp-l@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: NYOUNG@nova.wright.edu
Subject: [52] Re: K5F0/5 FD QRP Report
Message-ID: <01I6DJMKS90U8Y7BCJ@nova.wright.edu>

Photos? Roadside markers? No way!

What this sort of event needs is one of those Mexican "animitas." We could get a picture (ok, photos then) of the event and have it put in one of those laminated weather-proof things (did I mention the wind?) that some folks use in cemeteries. We could have a curandero make us up a special wooden box and put the photo in it. Then we could put it by the side of the road, just outside the park. A good Mexican animita like that would draw a lot of interest.

People could light little candles and leave little devotional cards and prayer notes. Maybe even a microphone or some other item that had a close (or better, near-death experiential) meaning to them.

That would surely save Chuck's soul from perdition, don'tchathink?

73
Nils

WB8IJN +c

(In Chile and parts of Ecuador, the native people still "pay the earth" [Pacchu mama] with animitas. If you need a better explanation, you'll never understand.)

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [26] Re: MFJ9420 SSB QRP rig
Message-ID: <31D1A212.43BB@acsu.buffalo.edu>

Hi Rogerio and Gang,

I also have an MFJ 9420. Boy is it nice! The SSB performance is super. I have worked about 45 DX countries with mine running from a 12v gel cell either at home with my delta loop or at one of my 2 favorite portable sights with my favorite dual phased sloping dipoles. They are actually a variation of the W8JK beam. The little rig really gets out.

The power is easily adjustable and mine is set for about 8W PEP at 12V.

The speech processor must work nicely just as adviritized. I would like to get down to one rig, maybe the Argo 556 by selling my HW-9 and MFJ 9420 but every time I use them the DX totals just keep "piling up" (oops, bad pun).

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=110 WAS=27 QSL=05 DX=16
HW-9 @ 3W and a 142' Tuned Delta Loop
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VE2 VY2 VE6

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [54] Re: NorCal Sierra SOLD
Message-ID: <2.2.32.19960625235423.00a4f7f0@public.compusult.nf.ca>

QRP-Lers,

My Sierra was sold to a new budding QRPer - so thanks for all the offers.

73/72 Bob V01DRB/WA6ERB

At 00:15 6/25/96 +0100, you wrote:
>Spring (or is it Summer) Cleaning Sale in Newfoundland,
>
>
>FOR SALE - NorCal Sierra QRP Transceiver
>

```
-----
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:    70466.1405@compuserve.com |
|-----
```

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [31] Re: Resonant Antennas?
Message-ID: <31D1B257.7480@acsu.buffalo.edu>

Yes Clark,

The delta is a full wavelength for 40M, so it is 2 WL on 20M. This should theoretically make it hard to feed do to very high impedance. I suppose that it also means that high losses are possible.

The apex is up 35', sloped down at abt 45 deg. Feedpoint is about 6' up one leg. I built this antenna from a W1FB article in the 10/84 QST. I replaced a 40M inverted V using the same support pole that is mounted at the peak of my roof. I never worked ANY dx on the V. Got immediate results on the delta. For all that I know, my aluminum gutters may be acting as a reflector or director and I essentially have a 3 element beam. Hey, come to think of it, you could design that feature into a new 2 story home quite easily :)

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=111 WAS=27 QSL=05 DX=17
HW-9 @ 3W and a 142' Tuned Delta Loop
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM U5 VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VE2 VY2 VE6

From owner-qrp-1@Lehigh.EDU Wed Jun 26 23:46:07 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [46] Re: Resonant Antennas?

Message-ID: <Pine.SOL.3.91.960626164617.15169B-100000@utkux4.utcc.utk.edu>

A resonant antenna is simply one which exhibits no reactance (of any consequence) at the feedpoint. So a precisely cut dipole, sloper, and even a big 1 wl loop are often resonant. Moreover, when you successfully "tune" an antenna-feedline system with an ATU, the system becomes resonant. For more on this latter idea, see Walt Maxwell's book, Reflections.

Resonant does NOT mean 1. a good match for coax, 2. an antenna of a certain type, or 3. a low impedance. Resonance has little to do with the potential performance of a particular antenna of any type. It may have something to do with whether one can get one's power to the antenna (and conversely get the incoming signal voltage out of it), but that is successfully done with ATUs if the impedance match is not good to begin with--up to the point where the impedance (either R or jX, or both) exceeds the ability of the ATU to reach (and no line length adjustment will provide values the ATU can reach).

Since we all use resonant antennas, once all adjustments are made, the news group fanatic had a half truth. Now half truths posed with a question mark can be converted into fuller truths; but half truths shouted often become big lies--and all the more believed because of the shouting. News groups are generally bad sources of information unless you already know the source--such as W7EL and some few others. Had there been news groups when SSB first got started and folks were introduced to fixed-output C pi networks, the misunderstanding of SWR and its supposed explosive power in the finals would be far worse than it is.

-73-

LB, W4RNL